



INTERNATIONAL PROGRAMMES

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Master's degree



Software Engineering for Industrial Applications (MEng)

Hof University of Applied Sciences • Hof



Overview

Degree	Master of Engineering
Teaching language	<ul style="list-style-type: none">English
Languages	Courses are held in English.
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	31 May (for the following winter semester) 30 November (for the following summer semester)
Tuition fees per semester in EUR	3,150
Additional information on tuition fees	Fees include organisational support before and during your studies at Hof University. We provide assistance in finding accommodation, offer orientation sessions prior to the start of your studies and organise additional activities such as intercultural trainings, field trips, and company visits. Additionally, transportation in Hof is free of charge.
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>Our MEng programme in Software Engineering for Industrial Applications is focused on extensive training assignments as well as theoretical courses, which are aimed at imparting technological and organisational knowledge.</p> <p>Students are trained for complex management and engineering tasks in the field of software development for industrial applications. Such applications range from low-level control of production processes to high-level management and logistic tasks. Managing projects in this field requires outstanding technological competence and excellent management and engineering skills. These skills have to be intensively developed before being applied in highly complex environments.</p>

Course Details

Course organisation

The Master's programme consists of 12 modules, with five ECTS per module (four basic modules + four core modules + four elective modules):

Basic modules:

- Project management
- Component oriented software development
- Software engineering
- Advanced programming

Core modules:

- Recent trends in software engineering
- Concept and tools for application development
- German I
- German II

Elective modules (choose four):

- Leadership and change management
- Non-relational databases
- Analytical information systems
- Semantic web
- Application protocols
- Mobile computing
- Cloud computing
- Independent coursework I
- Independent coursework II

In the third and fourth semesters, each student conducts an internship in a company, attends training modules (30 ECTS) and writes a project-based Master's thesis in cooperation with a company (30 ECTS).

A Diploma supplement will be issued

Yes

International elements

- International guest lecturers
- Language training provided
- Training in intercultural skills

Integrated internships

A unique feature of this Master's programme is that students spend these **second year** (third and fourth semesters) doing a **paid practical internship in industry**. Thus, students can

- immediately apply their knowledge,
- gain profound professional experience and
- earn money at the same time!

We support our students in finding an appropriate internship and provide contact addresses for this purpose. So far, our students have conducted internships with companies such as IBM, Siemens, Rehau AG, ND SatCom, and the JRC (Joint Research Centre of the European Union). Frequently, the **internship provides the stepping stone to the first job after graduation**.

Course-specific, integrated German language courses

No

Course-specific, integrated

No

Costs / Funding

Tuition fees per semester in EUR	3,150
Additional information on tuition fees	Fees include organisational support before and during your studies at Hof University. We provide assistance in finding accommodation, offer orientation sessions prior to the start of your studies and organise additional activities such as intercultural trainings, field trips, and company visits. Additionally, transportation in Hof is free of charge.
Semester contribution	100 EUR (administrative fee) per semester
Costs of living	Costs of living, including mandatory health insurance, are between 550 and 800 EUR per month.
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	For information on scholarship opportunities for enrolled students, please refer to our website: https://www.hof-university.com/international/incoming-students-and-faculty/international-applicants-master/financial-matters.html

Requirements / Registration

Academic Admission Requirements	<ul style="list-style-type: none"> • Bachelor's degree in software engineering or similar from an accredited university – 180 ECTS or equivalent (depending on the home country) • One year of work experience • Motivation letter
Language requirements	<p>Applicants must be proficient in English. This can be proven with one of the following:</p> <ul style="list-style-type: none"> • TOEFL minimum 90 (Test of English as a Foreign Language) • IELTS 6.5 or above (International English Language Testing Systems) • confirmation that the Bachelor's programme was taught completely in English language <p>German skills are not required in order to participate in the programme as all lectures are held in English. However, it is mandatory for international students to attend introductory German classes in Hof.</p>
Application deadline	<p>31 May (for the following winter semester) 30 November (for the following summer semester)</p>
Submit application to	https://www3.primuss.de/cgi-bin/bew_anmeldung/index.pl?FH=fhh&Language=en

Services

Possibility of finding part-time employment

Paid internship in the third and fourth semesters

Accommodation

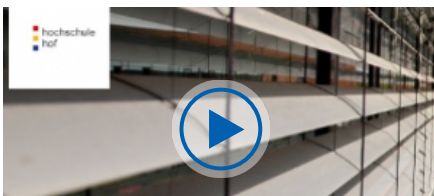
The Housing Office supports international students in finding appropriate accommodation. Rent for a single room in a student residence is approx. 200-350 EUR plus additional costs for electricity. Rent for a private one-room apartment is approx. 300-400 EUR plus additional costs for water, heating, and electricity.

Career advisory service

The Career Service at Hof University offers various pre-employment activities specifically for international students, such as career talks, seminars on how to apply for a job in Germany and intercultural training.

Specific specialist or non-specialist support for international students and doctoral candidates

- Welcome event
- Accompanying programme
- Pick-up service



Hochschule Hof, University of Applied Sciences

Testimonial: Shobit, student of Software Engineering

Shobit is studying Software Engineering for Industrial Applications at the Institute for Continuing Education at Hof University. He chose Hof because of the very good curriculum. He likes the campus, the welcoming atmosphere and especially the well organised events of the international team at Hof University.

» more:
<https://www.youtube.com/watch?v=pXIV7pxECwY>

Hof University of Applied Sciences



Hof University campus

Founded in 1994, our university offers a very attractive study environment with its modern architecture and its state-of-the-art classrooms, laboratories, and dormitories. You will receive a first-class, hands-on education here.

We offer modern Bachelor's and Master's programmes in the Departments of Business, Computer Science, and Engineering. Our programmes meet the demands of industry. Additionally, the Institute for Continuing Education offers both full-time and part-time further education opportunities.

We are known for our friendly study atmosphere. Communication between students and professors is frequent and uncomplicated. With a very comfortable student-lecturer ratio, students are given intensive personal support during their studies and benefit from numerous services provided by the Welcome Center, International Office, Career Service and Housing Office.

As a university of applied sciences, we pay special attention to the practical orientation of all courses and assignments. Our professors have profound experience both in industry and in academia.



University Location

Hof is a medium-sized town located in the heart of the enlarged Europe, right in the middle of Berlin, Munich, and Prague. Hof has a population of about 50,000 and is an appealing university town with plenty of leisure activities. To relax and unwind, there are numerous bars, cinemas, an orchestra, a theatre, a landscaped park called Theresienstein, and a beautiful lake – the Untreusee. Hof is also known for the International Hof Film Festival, which is one of the most important German film festivals.

The city of Hof is surrounded by beautiful nature. It is located between the low mountain regions of the Fichtelgebirge and the Franconian Forest on the banks of the River Saale. You will find excellent possibilities for all outdoor sporting activities such as cycling, hiking, climbing, and skiing.

Contact

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Institute for Continuing Education

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🌐 Course website: <https://www.hof-university.com/continuing-education/masters-program-full-time/software-engineering-for-industrial-applications-meng.html>

📘 <https://www.facebook.com/HochschuleHof/>

🌐 <https://www.linkedin.com/school/hochschule-hof/>

📷 https://www.instagram.com/hochschule_hof

Last update 15.09.2019 07:53:06

International Programmes in Germany - Database

www.daad.de/international-programmes

www.daad.de/sommerkurse

Editor

DAAD - Deutscher Akademischer Austauschdienst e.V.

German Academic Exchange Service

Section K23 – Information on Studying in Germany

(responsible: Esther Kirk)

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www.daad.de

GATE-Germany

Consortium for International Higher Education Marketing

www.gate-germany.de

Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.



Federal Ministry
of Education
and Research